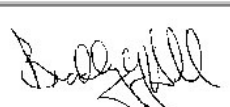


**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> Three Rivers Fed 8-46T-820							
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> THREE RIVERS							
<b>4. TYPE OF WELL</b> Oil Well Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>							
<b>6. NAME OF OPERATOR</b> ULTRA RESOURCES INC						<b>7. OPERATOR PHONE</b> 303 645-9810							
<b>8. ADDRESS OF OPERATOR</b> 304 Inverness Way South #245, Englewood, CO, 80112						<b>9. OPERATOR E-MAIL</b> dghani@ultrapetroleum.com							
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU85994			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>							
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>							
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>							
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>							
<b>20. LOCATION OF WELL</b>		<b>FOOTAGES</b>		<b>QTR-QTR</b>		<b>SECTION</b>		<b>TOWNSHIP</b>		<b>RANGE</b>		<b>MERIDIAN</b>	
LOCATION AT SURFACE		2100 FSL 900 FEL		NESE		8		8.0 S		20.0 E		S	
Top of Uppermost Producing Zone		1340 FSL 660 FEL		NESE		8		8.0 S		20.0 E		S	
At Total Depth		1340 FSL 660 FEL		NESE		8		8.0 S		20.0 E		S	
<b>21. COUNTY</b> UINTAH			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 660			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40							
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 40			<b>26. PROPOSED DEPTH</b> MD: 6789 TVD: 6678							
<b>27. ELEVATION - GROUND LEVEL</b> 4765			<b>28. BOND NUMBER</b> UTB000593			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 49-2262							
<b>Hole, Casing, and Cement Information</b>													
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight			
Surf	11	8.625	0 - 1000	24.0	J-55 LT&C	8.8	Premium Lite High Strength	80	2.97	11.5			
							Class G	115	1.16	15.8			
Prod	7.875	5.5	0 - 6789	17.0	J-55 LT&C	10.0	OTHER	225	3.54	11.0			
							OTHER	450	1.349	14.0			
<b>ATTACHMENTS</b>													
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>													
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN							
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP							
<b>NAME</b> Jenna Anderson					<b>TITLE</b> Permitting Assistant				<b>PHONE</b> 303 645-9804				
<b>SIGNATURE</b>					<b>DATE</b> 04/10/2014				<b>EMAIL</b> janderson@ultrapetroleum.com				
<b>API NUMBER ASSIGNED</b> 43047543910000					<b>APPROVAL</b> <div style="text-align: center;">           Permit Manager       </div>								

RECEIVED: April 21, 2014

**ULTRA RESOURCES, INC.**

**MASTER**  
**8 - POINT DRILLING PROGRAM**

**Slim Hole Design**  
**8 5/8" Surface & 5 1/2" Production Casing Design**

**DATED: 04-8-14**

**Directional Wells located on Ultra leases in  
Three Rivers Project:**

**Three Rivers Fed 8-46T-820**

**SHL: Sec 8 (NESE) T8S R20E**

**Uintah, Utah**

**ONSHORE OIL & GAS ORDER NO. 1**  
**Approval of Operations on Onshore**  
**Federal and Indian Oil and Gas Leases**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (CFR 43, Part 3160) and the approved Application for Permit to Drill. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

**RECEIVED:** April 10, 2014

**1. Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation Top</u>	<u>Top (TVD)</u>	<u>Comments</u>
Uinta	Surface	
BMSW	900' MD / 900' TVD	
Garden Gulch	4,629' MD / 4,518' TVD	Oil & Associated Gas
Lower Green River*	4,769' MD / 4,658' TVD	Oil & Associated Gas
Wasatch	6,589' MD / 6,478' TVD	Oil & Associated Gas
TD	6,789' MD / 6,678' TVD	

**Asterisks (\*) denotes target pay intervals**

All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished to the BLM. Oil and gas shows will be adequately tested for commercial possibilities, reported and protected by casing and cement.

**2. BOP Equipment**

- A) The BOPE shall be closed whenever the well is unattended. The Bureau of Land Management will be notified 24 hours prior to all BOPE pressure tests. The State of Utah, Division of Oil, Gas and Mining will be notified 24 hours prior to all BOPE pressure tests.
- B) The BOPE shall be closed whenever the well is unattended.
- C) As per 43 CFR 3160, Onshore Oil and Gas Order No. 2, Drilling Operations, Part A:
- 1) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
  - 2) Choke Manifold
  - 3) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
  - 4) Two adjustable chokes will be used in the choke manifold.
  - 5) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
  - 6) Pressure gauges in the well control system will be designed for drilling fluid.
- D) BOPE Testing:
- 1) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
  - 2) All BOP tests will be performed with a test plug in place.
  - 3) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

**INTERVAL**

0 - 1,000' MD / 1,000' TVD

1,000' MD / 1,000' TVD – 6,789' MD / 6,678' TVD

**BOP EQUIPMENT**

11" Diverter with Rotating Head

3,000# Ram Double BOP & Annular with Diverter & Rotating Head

NOTE: Drilling spool to accommodate choke and kill lines.

**3. Casing and Float Equipment Program****CASING:**

<b>Directional Well</b>	<b>Hole Size</b>	<b>OD</b>	<b>Depth MD/TVD</b>	<b>Wt.</b>	<b>Grade &amp; Connection</b>	<b>Cond.</b>
<b>Surface</b>	11"	8 5/8"	1,000' MD / 1,000' TVD	24.0 ppf	J-55, LTC	New
<b>Production</b>	7 7/8"	5 1/2"	6,789' MD / 6,678' TVD	17.0 ppf	J-55, LTC	New

**CASING SPECIFICATIONS:**

Directional Well	Casing OD	Casing ID / Drift ID	Collapse (psi)	Int. Yield (psi)	Ten. Yield (lb)	Jt. Strength (lb)
Surface	8 5/8"	8.097" / 7.972"	1,370	2,950	381,000	244,000
Production	5 1/2"	4.492" / 4.767"	4,910	5,320'	273,000	229,000

**FLOAT EQUIPMENT:**

SURFACE (8 5/8")

Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1<sup>st</sup> 4 Joints then every 4<sup>th</sup> joint to surface

PRODUCTION (5 1/2")

Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1<sup>st</sup> 4 Joints then every 3<sup>rd</sup> joint to 500' into surface casing**4. Cementing Programs****CONDUCTOR (13 3/8")**

Ready Mix – Cement to surface

**SURFACE (8 5/8")**

Surface – 500'

Cement Top - Surface

Lead: 80 sks, Premium Lightweight Cmt w/ additives, 11.5 ppg, 2,97 cf/sk 50% excess

500' – 1,000' MD / 1, 000' TVD± Tail: 115 sks Glass G Cement w/ additives, 15.8 ppg, 1.16 cf/sx, 50% excess

Note: The above volumes are based on a gauge-hole + 50% excess.

**PRODUCTION (5 1/2")**

500' - 4,000' TVD ±

Cement Top – 500'

Lead: 225 sks – Econocem Cement w/ 0.25 lbm Poly-E-Flake, 1% Granulite TR 1/4, 5 lbm Kol-Seal; 11.0 ppg; 3.54 cf/sx; 15% excess

4,000' – 6,789' MD / 6,678' TVD Tail: 450 sks, Expandacem Cement w/ 0.25 lbm Poly-E-Flake, 1 lbm Granulite TR 1/4, 2 lbm Kol-Seal; 14.0 pp; 1.349 cf/sk; 15% excess

Note: Lead Cement will be brought to 4,000' which will give a minimum of 500' above Lower Green River.

- A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
- B) Cement will not be placed down annulus with a 1" pipe unless BLM is contacted.
- C) The Bureau of Land Management will be notified 24 hours prior to running casing and cementing.
- D) As per 43 CFR 3160, Onshore Oil and Gas Order No.2, Drilling Operations, Part B:
  - 1) All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe (minimum of 8 hours) prior to drilling out.
  - 2) Prior to drilling out cement, casing will be pressure tested to 1500 psi. Pressure decline must not be greater than 10% (150 psi) in 30 minutes.
  - 3) Progress reports, Form 3160-5 "Sundry Notices and Reports on Wells", shall be filed with the Field Manager within 30 days after the work is completed.
  - 4) Setting of each string of casing, size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
  - 5) Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
  - 6) A pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to

the next casing depth or at total depth of the well. This test shall be performed after drilling 5-10 feet of new hole.

## 5. Mud Program

The proposed circulating mediums to be employed in drilling are as follows:

Interval	Mud Type	Viscosity	Fluid Loss	pH	Mud Wt. (ppg)
0 – 1,000' MD / 1,000' TVD	Water/Spud Mud	32	No Control (NC)	7.0 -8.2	<8.8
1,000' MD / 1,000' TVD - 6,789' MD / 6,678' TVD	DAP System	40 - 60	10 - 18	7.0-8.2	<10.0

- A) For Surface Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations. A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.
- B) The mud monitoring equipment on location will be installed by top of Green River and will be able to monitor at a minimum the pit volume totalizer (PVT), stroke counter, and flow sensor
- C) Flare line discharge will be located no less than 100 feet from the wellhead using straight or targeted 'T' and anchors.

## 6. Evaluation Program - Testing, Logging, and Coring

- A) Cores: None anticipated.
- B) Testing: None anticipated.
- C) Directional Drilling: Directional tools will be used to locate the bottom hole per the attached directional plan +/-.
- D) Open Hole Logs: TD to surface casing: resistivity, neutron density, gamma ray and caliper.
- E) Mud Logs: None anticipated.
- F) Formation to TD; record and monitor gas shows and record drill times (normal mud logging duties).

## 7. Anticipated Pressures and H.S.

- A) The expected bottom hole pressure is 3,500 – 3,650 psig. Normal pressures are anticipated from surface to approximately TD. These pressures will be controlled by a blowout preventer stack, annular BOP, choke manifold, mud/gas separator, surface equipment and drilling mud. A supply of barite to weight the mud to a balancing specific gravity, if necessary, will be on location.
- B) Maximum expected surface pressure will be based on the frac gradient of the casing shoe. The design of the casing assumes that the MASP will be the fracture pressure at the shoe less a column of gas.
- C) No hydrogen sulfide gas is anticipated, however if H<sub>2</sub>S is encountered, the guidelines in Onshore Oil and Gas Order No. 6 will be complied with.

## 8. Other Information and Notification Requirements

- A) There shall be no deviation from the proposed drilling and/or workover program as approved. Any changes in operation must have prior approval from the **Utah Division of Oil, Gas and Mining**, and the BLM Vernal (when drilling on Federal leases).
  - 1) Anticipated starting date will be upon approval. It is anticipated that completion operations will begin within 15 days after the well has been drilled.
  - 2) It is anticipated that the drilling and completion of this well will take approximately 90 days.

- B) Notification Requirements for *Utah Division of Oil, Gas and Mining*:
- *Within 24 hrs. of spud (Carol Daniels at 801/538-5284)*
  - *24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)*
  - *24 hrs. prior to cementing or testing casing (Dan Jarvis)*
  - *Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)*
- C) Notification Requirements BLM Vernal when drilling on Federal leases as follows: (Cade T Taylor @ cctaylor@blm.gov and Blm ut vn opreport@blm.gov:
- *Within 24 hrs. of spud (Carol Daniels at 801/538-5284)*
  - *24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)*
  - *24 hrs. prior to cementing or testing casing (Dan Jarvis)*
  - *Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)*
- D) Any changes in the program must be approved by the *Utah Division of Oil, Gas and Mining* and or the BLM Vernal Office. "Sundry Notices and Reports on Wells" (form 3160-5) must be filed for all changes of plans. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- 1) Should the well be successfully completed for production, the BLM Pinedale Field Office must be notified when it is placed in a producing status. The notification shall provide, as a minimum, the following information items:
- Operator name, address, and telephone number.
  - Well name and number.
  - Well location (1/4 1/4, Section, Township, Range and P.M.)
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located. As appropriate, the unit agreement name, number and participating area name. As appropriate, the communitization agreement number.

T8S, R20E, S.L.B.&amp;M.

ULTRA RESOURCES, INC.

Well location, THREE RIVERS FED #8-46T-820, located as shown in the NE 1/4 SE 1/4 of Section 8, T8S, R20E, S.L.B.&M., Uintah County, Utah.

## BASIS OF ELEVATION

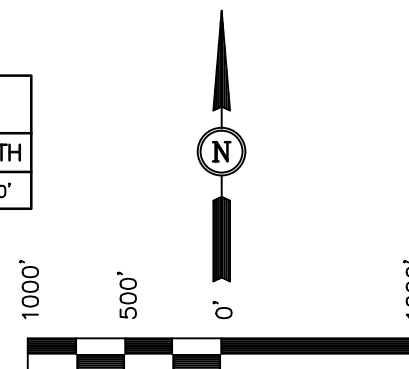
BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

## LINE TABLE

LINE	DIRECTION	LENGTH
L1	S18°09'18"E	794.70'



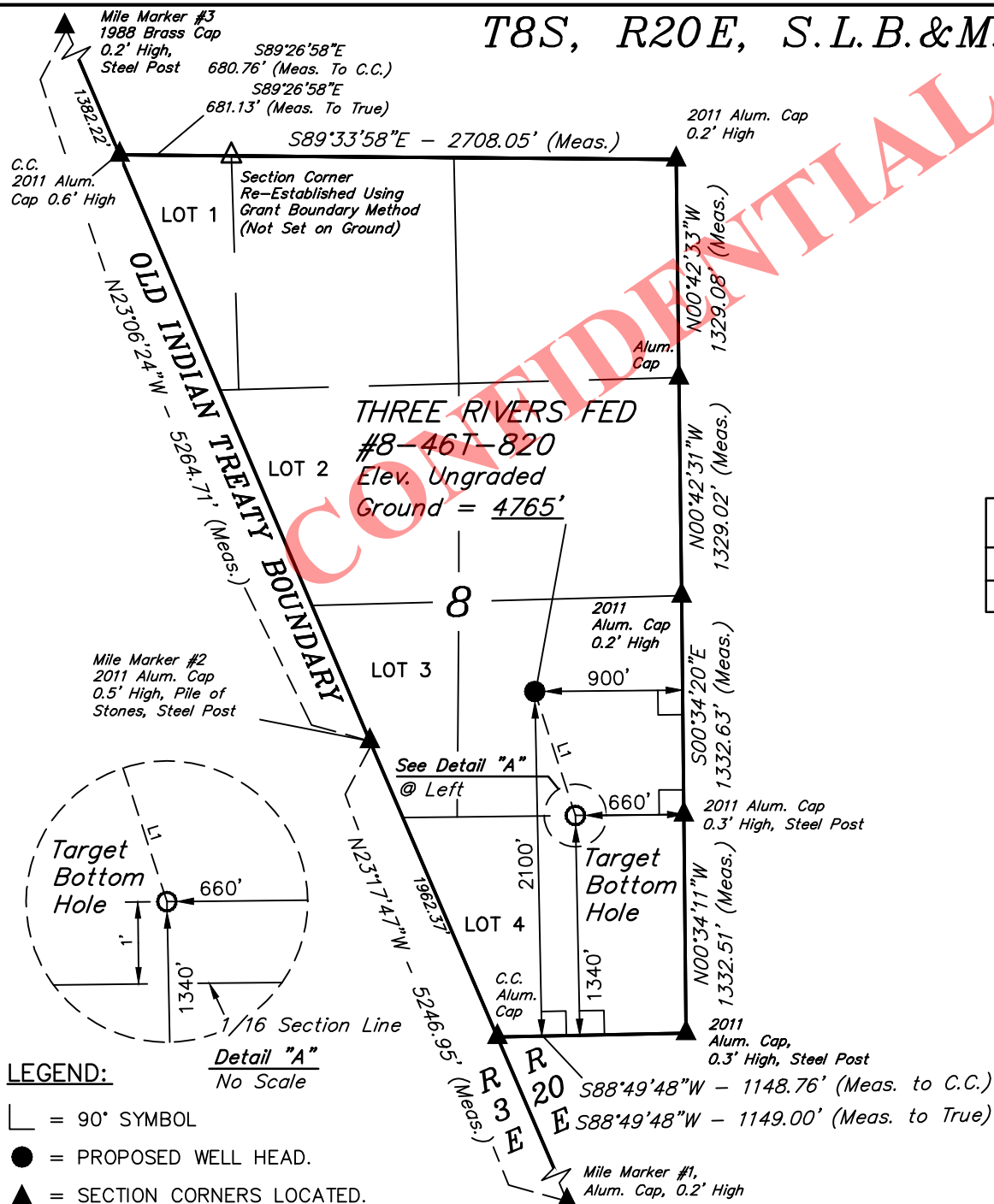
SCALE  
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PART WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 03-21-14	DATE DRAWN: 03-24-14
PARTY B.H. M.D. S.S.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE ULTRA RESOURCES, INC.	



## LEGEND:

- L = 90° SYMBOL  
 ● = PROPOSED WELL HEAD.  
 ▲ = SECTION CORNERS LOCATED.  
 △ = SECTION CORNERS RE-ESTABLISHED.  
 (Not Set on Ground.)

## NAD 83 (TARGET BOTTOM HOLE)

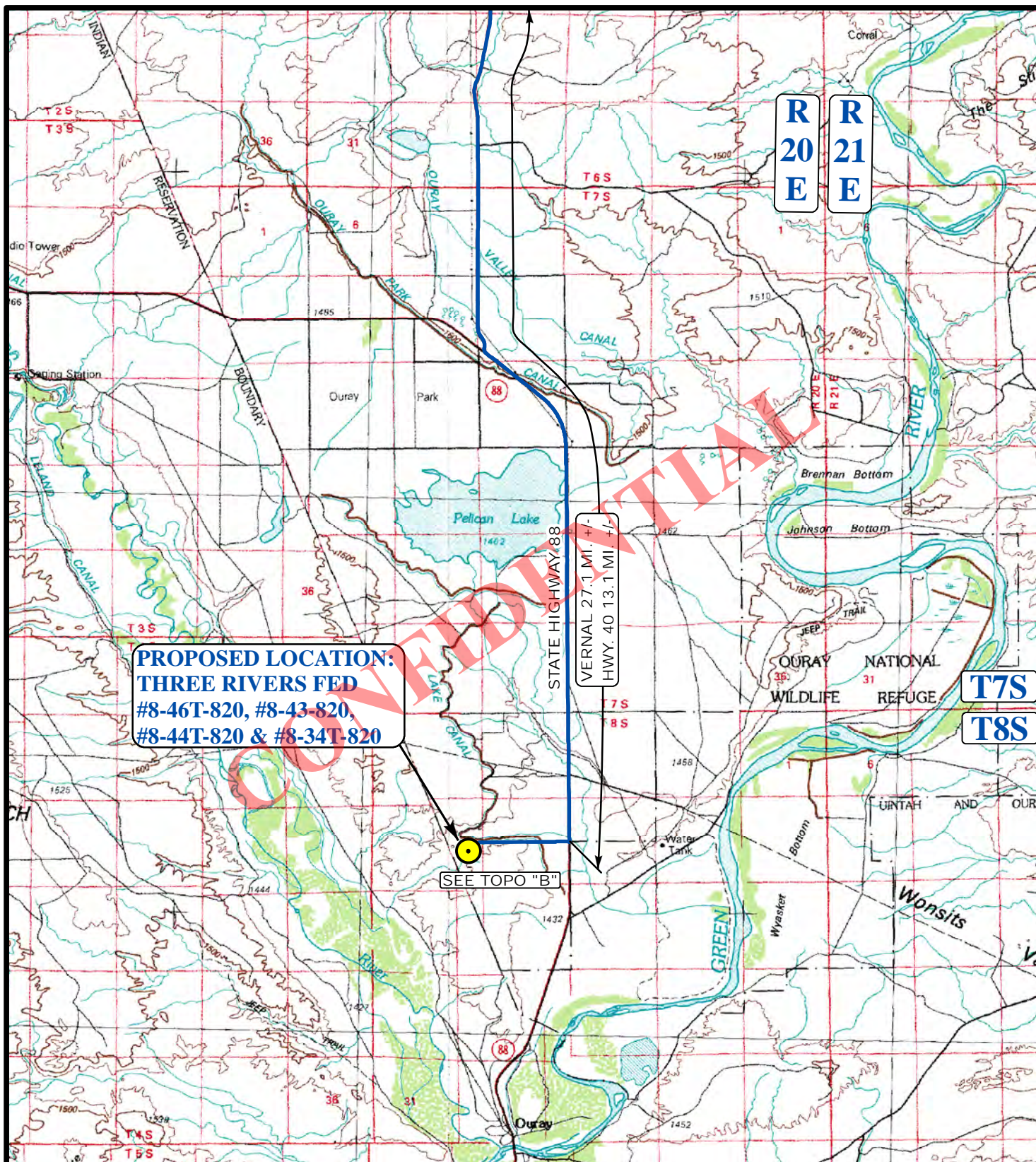
LATITUDE = 40°08'00.04" (40.133344)  
LONGITUDE = 109°41'06.56" (109.685156)

## NAD 83 (SURFACE LOCATION)

LATITUDE = 40°08'07.50" (40.135417)  
LONGITUDE = 109°41'09.75" (109.686042)

RECEIVED: April 10, 2014



**LEGEND:**

 **PROPOSED LOCATION**

**ULTRA RESOURCES, INC.**

**THREE RIVERS FED #8-46T-820,  
#8-43-820, #8-44T-820 & #8-34T-820  
SECTION 8, T8S, R20E, S.L.B.&M.  
NE 1/4 SE 1/4**



**Utah Engineering & Land Surveying**

85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**ACCESS ROAD  
MAP**

**03 28 14**  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: L.S. REVISION: 00-00-00

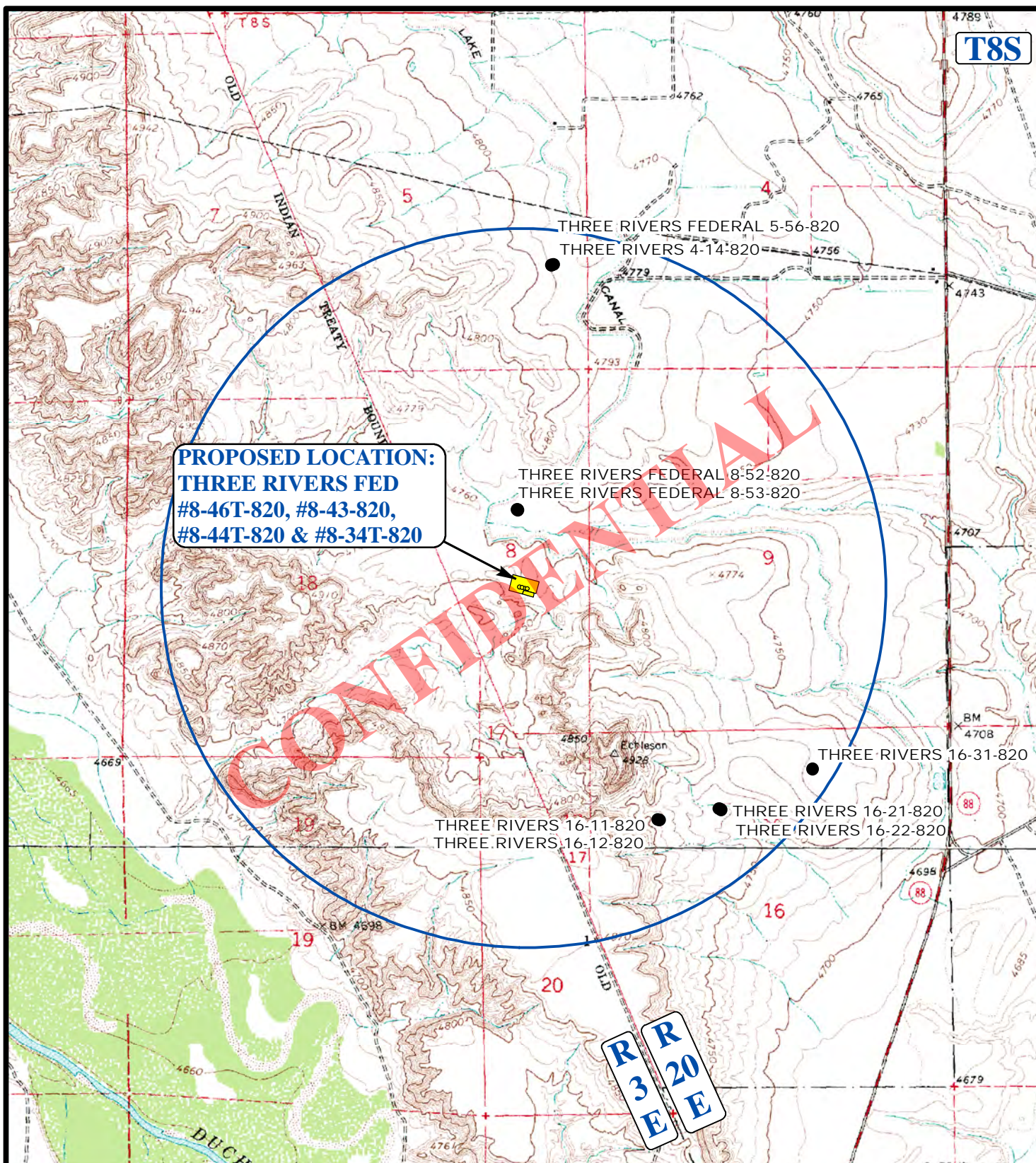


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**LEGEND:**

- Ø DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

**ULTRA RESOURCES, INC.**

**THREE RIVERS FED #8-46T-820,  
#8-43-820, #8-44T-820 & #8-34T-820  
SECTION 8, T8S, R20E, S.L.B.&M.  
NE 1/4 SE 1/4**



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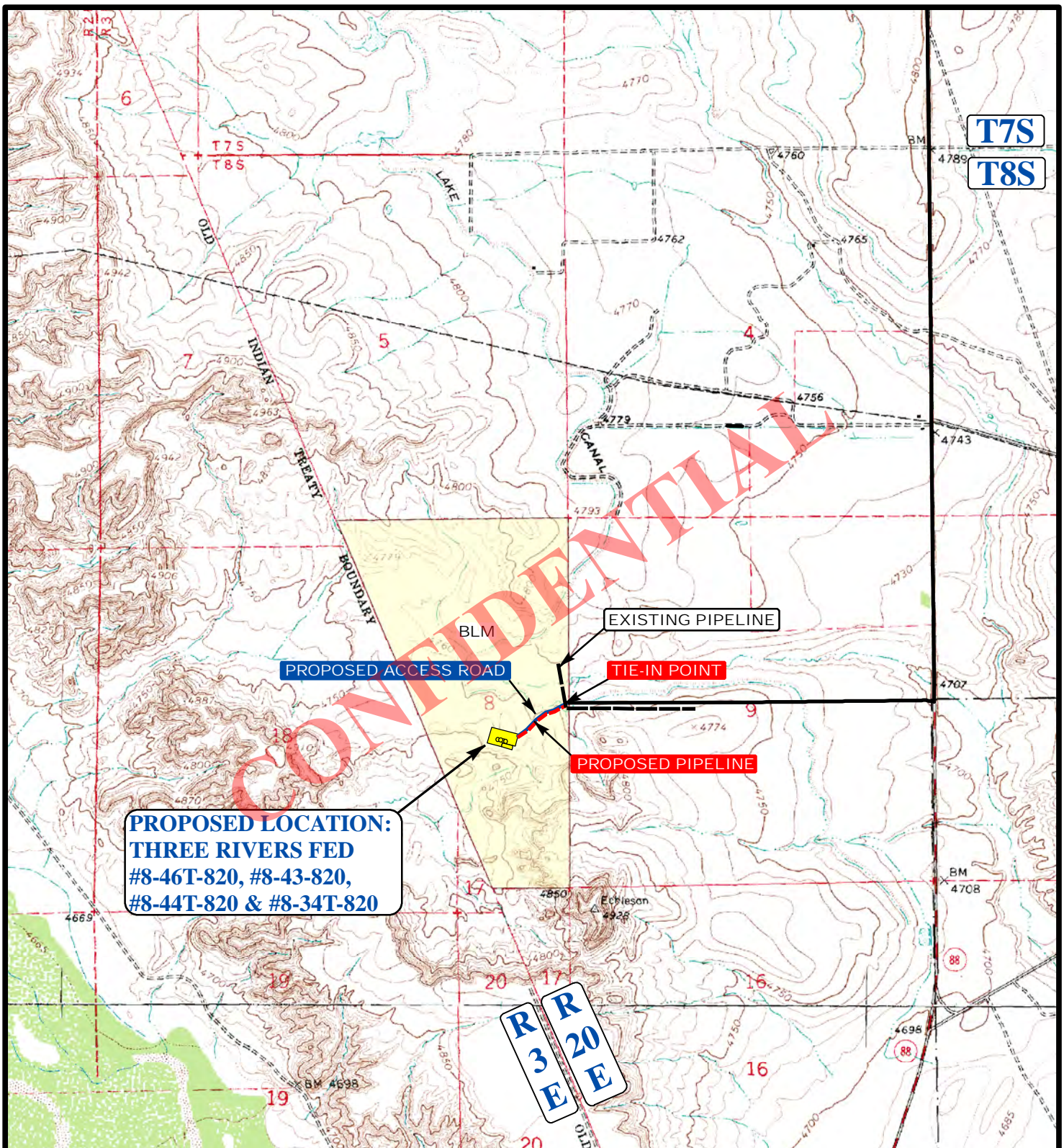
**TOPOGRAPHIC  
MAP**

**03 28 14**  
MONTH DAY YEAR

SCALE: 1"= 2000' DRAWN BY: L.S. REVISION: 00-00-00







**APPROXIMATE TOTAL PIPELINE DISTANCE = 867' +/-**

**LEGEND:**

- EXISTING ROADS
- PROPOSED ACCESS ROAD
- - - - - PROPOSED PIPELINE

**ULTRA RESOURCES, INC.**

**THREE RIVERS FED #8-46T-820,  
#8-43-820, #8-44T-820 & #8-34T-820  
SECTION 8, T8S, R20E, S.L.B.&M.  
NE 1/4 SE 1/4**



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85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC  
MAP**

SCALE: 1" = 2000'

DRAWN BY: L.S.

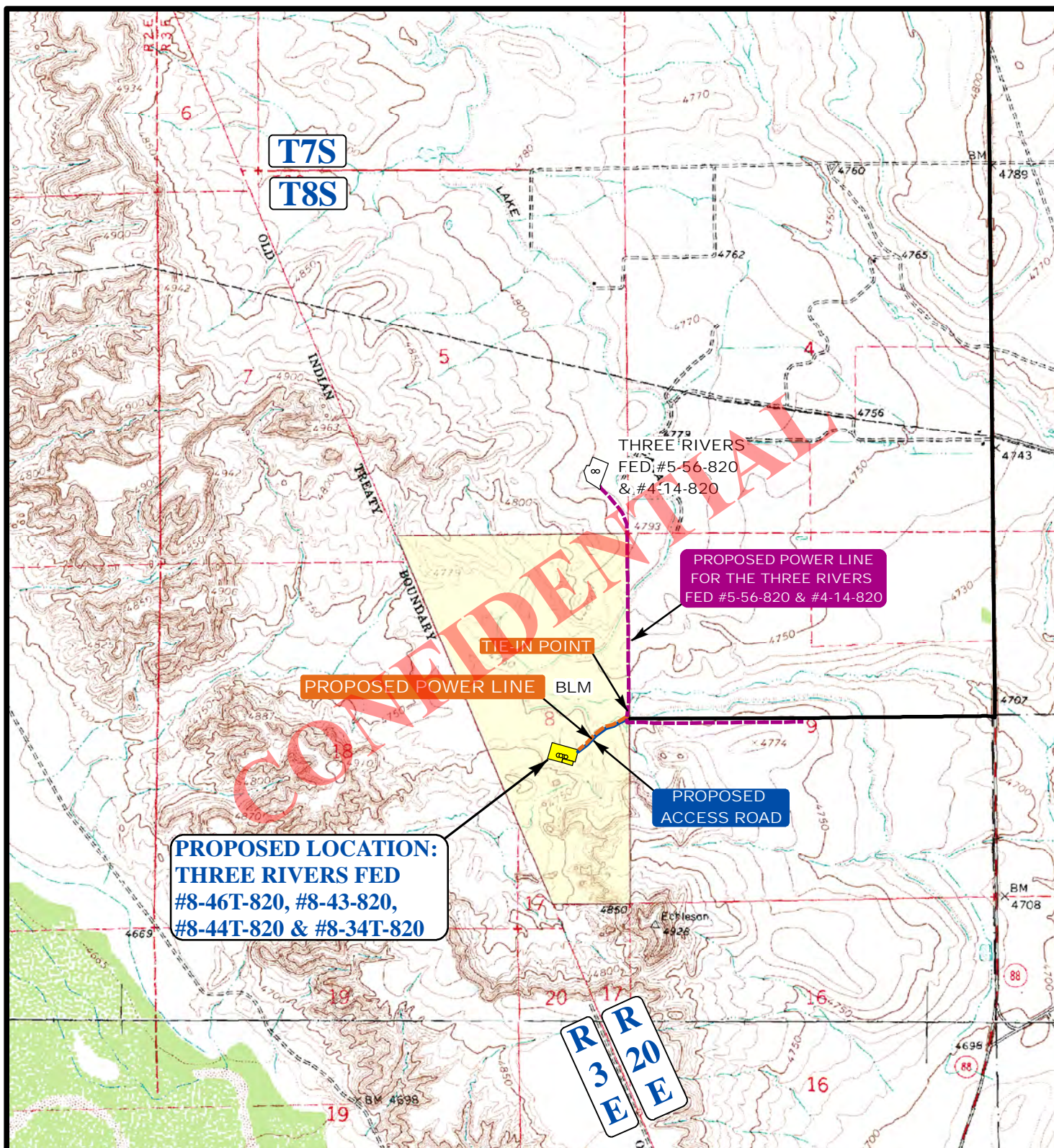
**03 28 14**  
MONTH DAY YEAR

REV: 04-07-14 L.S.



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**APPROXIMATE TOTAL POWER LINE DISTANCE = 882' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- - - - - PROPOSED POWER LINE
- - - - - PROPOSED POWER LINE (SERVICING OTHER WELLS)

**ULTRA RESOURCES, INC.**

**THREE RIVERS FED #8-46T-820,  
#8-43-820, #8-44T-820 & #8-34T-820  
SECTION 8, T8S, R20E, S.L.B.&M.  
NE 1/4 SE 1/4**



**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC  
MAP**

SCALE: 1" = 2000'

DRAWN BY: L.S.

**03 28 14**  
MONTH DAY YEAR

REV: 04-07-14 L.S.



**RECEIVED:** April 10, 2014





# ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL)  
 Field: UINTAH COUNTY Well: Three Rivers Fed 8-46T-820  
 Facility: Sec.08-T8S-R20E Wellbore: Three Rivers Fed 8-46T-820 PWB

## Targets

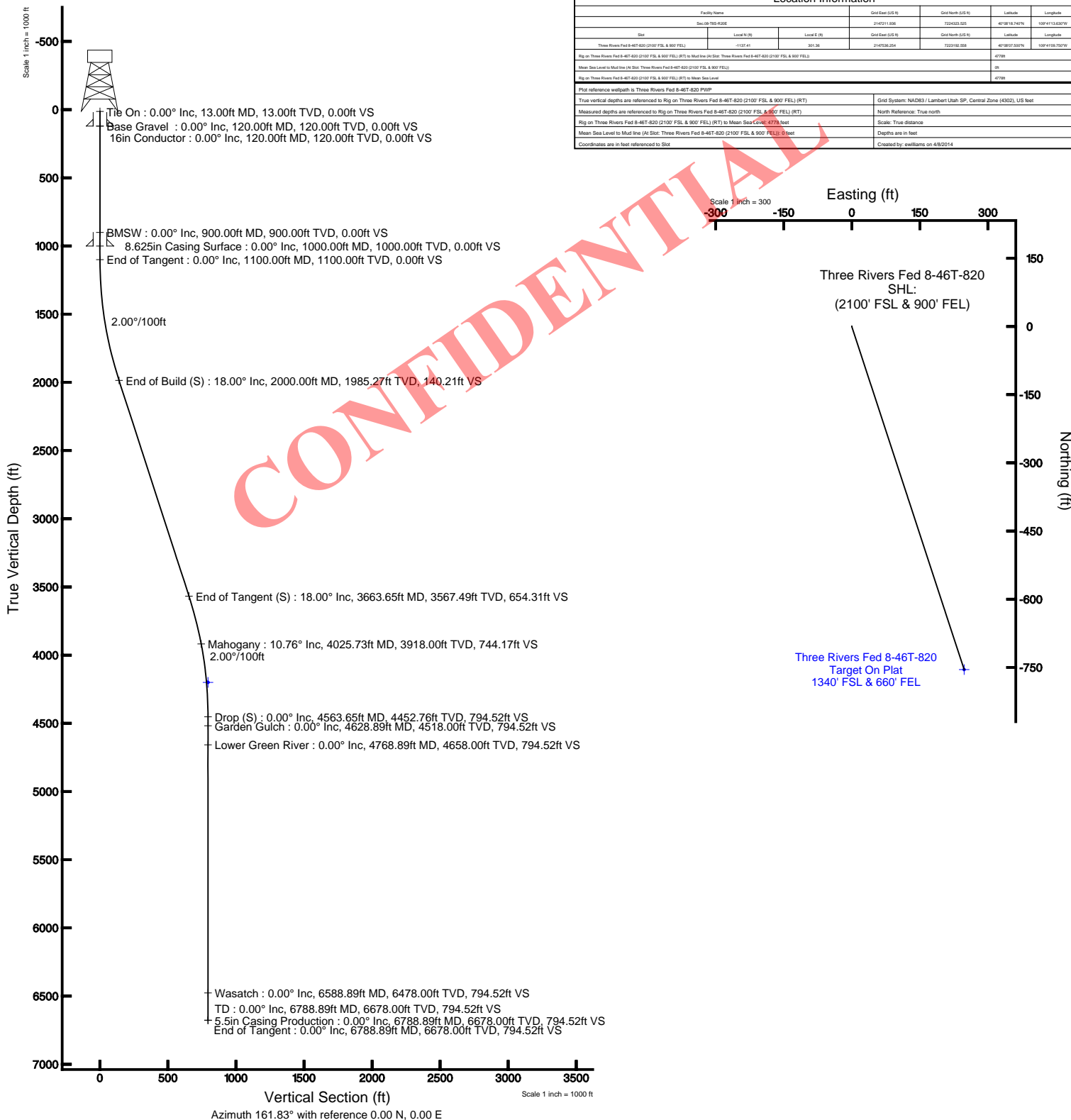
Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Three Rivers Fed 8-46T-820 Target On Plat 1340' FSL & 660' FEL		4200.00	-754.90	247.77	2147799.26	7222442.90	40°08'00.040"N	109°41'06.560"W

## Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	13.00	0.00	161.829	13.00	0.00	0.00	0.00	0.00
End of Tangent	1100.00	0.00	161.829	1100.00	0.00	0.00	0.00	0.00
End of Build (S)	2000.00	18.00	161.829	1985.27	-133.22	43.73	2.00	140.21
End of Tangent (S)	3663.65	18.00	161.829	3567.49	-621.68	204.05	0.00	654.31
Drop (S)	4563.65	0.00	161.829	4452.76	-754.90	247.77	2.00	794.52
End of Tangent	6788.89	0.00	161.829	6678.00	-754.90	247.77	0.00	794.52

## Location Information

Facility Name		Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
Sec.08-T8S-R20E		2147211.000	7224433.025	40°08'16.740"N	109°41'13.600"W	
Site	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL)	-1107.41	301.36	2147028.594	7223162.558	40°08'07.500"N	109°41'09.750"W
Rig on Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL) to Mud line (At Slot: Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL))						47798
Mean Sea Level to Mud line (At Slot: Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL))						0
Rig on Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL) to Mean Sea Level						47798
Plot reference wellpath is Three Rivers Fed 8-46T-820 PWB						
True vertical depths are referenced to Rig on Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL) (RT)				Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet		
Measured depths are referenced to Rig on Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL) (RT)				North Reference: True north		
Rig on Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL) to Mean Sea Level: 47798 feet				Scale: True distance		
Mean Sea Level to Mud line (At Slot: Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL)) 0 feet				Depths are in feet		
Coordinates are in feet referenced to Slot				Created by: wellfilms on 4/8/2014		



RECEIVED: April 10, 2014



## Planned Wellpath Report

Three Rivers Fed 8-46T-820 PWP

Page 1 of 5



### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL)
Area	Three Rivers	Well	Three Rivers Fed 8-46T-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 8-46T-820 PWB
Facility	Sec.08-T8S-R20E		

### REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	EWilliams
Scale	0.999913	Report Generated	4/8/2014 at 2:17:05 PM
Convergence at slot	1.16° East	Database/Source file	WellArchitectDB/Three_Rivers_Fed_8-46T-820_PWB.xml

### WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-1137.41	301.36	2147536.25	7223192.56	40°08'07.500"N	109°41'09.750"W
Facility Reference Pt			2147211.94	7224323.53	40°08'18.740"N	109°41'13.630"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

### WELLPATH DATUM

Calculation method	Minimum curvature	Rig on Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL) (RT) to Facility Vertical Datum
Horizontal Reference Pt	Slot	Rig on Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL) (RT) to Mean Sea Level
Vertical Reference Pt	Rig on Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL) (RT)	Rig on Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL) (RT) to Mud Line at Slot (Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL)
MD Reference Pt	Rig on Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL) (RT)	Section Origin
Field Vertical Reference	Mean Sea Level	Section Azimuth

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## Planned Wellpath Report

Three Rivers Fed 8-46T-820 PWP

Page 2 of 5



### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL)
Area	Three Rivers	Well	Three Rivers Fed 8-46T-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 8-46T-820 PWB
Facility	Sec.08-T8S-R20E		

### WELLPATH DATA (80 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	161.829	0.00	0.00	0.00	0.00	40°08'07.500"N	109°41'09.750"W	0.00	
13.00	0.000	161.829	13.00	0.00	0.00	0.00	40°08'07.500"N	109°41'09.750"W	0.00	
113.00†	0.000	161.829	113.00	0.00	0.00	0.00	40°08'07.500"N	109°41'09.750"W	0.00	
120.00†	0.000	161.829	120.00	0.00	0.00	0.00	40°08'07.500"N	109°41'09.750"W	0.00	Base Gravel
213.00†	0.000	161.829	213.00	0.00	0.00	0.00	40°08'07.500"N	109°41'09.750"W	0.00	
313.00†	0.000	161.829	313.00	0.00	0.00	0.00	40°08'07.500"N	109°41'09.750"W	0.00	
413.00†	0.000	161.829	413.00	0.00	0.00	0.00	40°08'07.500"N	109°41'09.750"W	0.00	
513.00†	0.000	161.829	513.00	0.00	0.00	0.00	40°08'07.500"N	109°41'09.750"W	0.00	
613.00†	0.000	161.829	613.00	0.00	0.00	0.00	40°08'07.500"N	109°41'09.750"W	0.00	
713.00†	0.000	161.829	713.00	0.00	0.00	0.00	40°08'07.500"N	109°41'09.750"W	0.00	
813.00†	0.000	161.829	813.00	0.00	0.00	0.00	40°08'07.500"N	109°41'09.750"W	0.00	
900.00†	0.000	161.829	900.00	0.00	0.00	0.00	40°08'07.500"N	109°41'09.750"W	0.00	BMSW
913.00†	0.000	161.829	913.00	0.00	0.00	0.00	40°08'07.500"N	109°41'09.750"W	0.00	
1013.00†	0.000	161.829	1013.00	0.00	0.00	0.00	40°08'07.500"N	109°41'09.750"W	0.00	
1100.00	0.000	161.829	1100.00	0.00	0.00	0.00	40°08'07.500"N	109°41'09.750"W	0.00	
1113.00†	0.260	161.829	1113.00	0.03	-0.03	0.01	40°08'07.500"N	109°41'09.750"W	2.00	
1213.00†	2.260	161.829	1212.97	2.23	-2.12	0.69	40°08'07.479"N	109°41'09.741"W	2.00	
1313.00†	4.260	161.829	1312.80	7.91	-7.52	2.47	40°08'07.426"N	109°41'09.718"W	2.00	
1413.00†	6.260	161.829	1412.38	17.08	-16.23	5.33	40°08'07.340"N	109°41'09.681"W	2.00	
1513.00†	8.260	161.829	1511.57	29.72	-28.24	9.27	40°08'07.221"N	109°41'09.631"W	2.00	
1613.00†	10.260	161.829	1610.26	45.81	-43.52	14.29	40°08'07.070"N	109°41'09.566"W	2.00	
1713.00†	12.260	161.829	1708.33	65.33	-62.08	20.37	40°08'06.887"N	109°41'09.488"W	2.00	
1813.00†	14.260	161.829	1805.66	88.27	-83.87	27.53	40°08'06.671"N	109°41'09.396"W	2.00	
1913.00†	16.260	161.829	1902.13	114.59	-108.87	35.73	40°08'06.424"N	109°41'09.290"W	2.00	
2000.00	18.000	161.829	1985.27	140.21	-133.22	43.73	40°08'06.184"N	109°41'09.187"W	2.00	
2013.00†	18.000	161.829	1997.63	144.23	-137.04	44.98	40°08'06.146"N	109°41'09.171"W	0.00	
2113.00†	18.000	161.829	2092.74	175.13	-166.40	54.62	40°08'05.856"N	109°41'09.047"W	0.00	
2213.00†	18.000	161.829	2187.84	206.03	-195.76	64.28	40°08'05.565"N	109°41'08.923"W	0.00	
2313.00†	18.000	161.829	2282.95	236.94	-225.12	73.89	40°08'05.275"N	109°41'08.799"W	0.00	
2413.00†	18.000	161.829	2378.05	267.84	-254.48	83.53	40°08'04.985"N	109°41'08.675"W	0.00	
2513.00†	18.000	161.829	2473.16	298.74	-283.84	93.16	40°08'04.695"N	109°41'08.551"W	0.00	
2613.00†	18.000	161.829	2568.27	329.64	-313.20	102.80	40°08'04.405"N	109°41'08.426"W	0.00	
2713.00†	18.000	161.829	2663.37	360.54	-342.56	112.44	40°08'04.115"N	109°41'08.302"W	0.00	
2813.00†	18.000	161.829	2758.48	391.44	-371.92	122.07	40°08'03.825"N	109°41'08.178"W	0.00	
2913.00†	18.000	161.829	2853.58	422.35	-401.28	131.71	40°08'03.534"N	109°41'08.054"W	0.00	
3013.00†	18.000	161.829	2948.69	453.25	-430.64	141.35	40°08'03.244"N	109°41'07.930"W	0.00	
3113.00†	18.000	161.829	3043.79	484.15	-460.00	150.98	40°08'02.954"N	109°41'07.806"W	0.00	
3213.00†	18.000	161.829	3138.90	515.05	-489.37	160.62	40°08'02.664"N	109°41'07.682"W	0.00	
3313.00†	18.000	161.829	3234.01	545.95	-518.73	170.26	40°08'02.374"N	109°41'07.558"W	0.00	
3413.00†	18.000	161.829	3329.11	576.85	-548.09	179.89	40°08'02.084"N	109°41'07.434"W	0.00	
3513.00†	18.000	161.829	3424.22	607.76	-577.45	189.53	40°08'01.794"N	109°41'07.310"W	0.00	
3613.00†	18.000	161.829	3519.32	638.66	-606.81	199.17	40°08'01.503"N	109°41'07.186"W	0.00	
3663.65	18.000	161.829	3567.49	654.31	-621.68	204.05	40°08'01.357"N	109°41'07.123"W	0.00	
3713.00†	17.013	161.829	3614.56	669.15	-635.78	208.68	40°08'01.217"N	109°41'07.063"W	2.00	
3813.00†	15.013	161.829	3710.67	696.74	-661.99	217.28	40°08'00.958"N	109°41'06.953"W	2.00	



## Planned Wellpath Report

Three Rivers Fed 8-46T-820 PWP

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### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL)
Area	Three Rivers	Well	Three Rivers Fed 8-46T-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 8-46T-820 PWB
Facility	Sec.08-T8S-R20E		

### WELLPATH DATA (80 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
3913.00†	13.013	161.829	3807.69	720.95	-685.00	224.83	40°08'00.731"N	109°41'06.855"W	2.00	
4013.00†	11.013	161.829	3905.50	741.76	-704.77	231.32	40°08'00.535"N	109°41'06.772"W	2.00	
4025.73†	10.758	161.829	3918.00	744.17	-707.06	232.07	40°08'00.513"N	109°41'06.762"W	2.00	Mahogany
4113.00†	9.013	161.829	4003.97	759.15	-721.29	236.74	40°08'00.372"N	109°41'06.702"W	2.00	
4213.00†	7.013	161.829	4102.99	773.09	-734.54	241.09	40°08'00.241"N	109°41'06.646"W	2.00	
4313.00†	5.013	161.829	4202.43	783.56	-744.49	244.36	40°08'00.143"N	109°41'06.604"W	2.00	
4413.00†	3.013	161.829	4302.18	790.56	-751.14	246.54	40°08'00.077"N	109°41'06.576"W	2.00	
4513.00†	1.013	161.829	4402.11	794.07	-754.47	247.63	40°08'00.044"N	109°41'06.562"W	2.00	
4563.65	0.000	161.829	4452.76	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	2.00	
4613.00†	0.000	161.829	4502.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
4628.89†	0.000	161.829	4518.00	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	Garden Gulch
4713.00†	0.000	161.829	4602.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
4768.89†	0.000	161.829	4658.00	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	Lower Green River
4813.00†	0.000	161.829	4702.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
4913.00†	0.000	161.829	4802.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
5013.00†	0.000	161.829	4902.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
5113.00†	0.000	161.829	5002.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
5213.00†	0.000	161.829	5102.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
5313.00†	0.000	161.829	5202.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
5413.00†	0.000	161.829	5302.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
5513.00†	0.000	161.829	5402.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
5613.00†	0.000	161.829	5502.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
5713.00†	0.000	161.829	5602.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
5813.00†	0.000	161.829	5702.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
5913.00†	0.000	161.829	5802.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
6013.00†	0.000	161.829	5902.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
6113.00†	0.000	161.829	6002.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
6213.00†	0.000	161.829	6102.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
6313.00†	0.000	161.829	6202.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
6413.00†	0.000	161.829	6302.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
6513.00†	0.000	161.829	6402.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
6588.89†	0.000	161.829	6478.00	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	Wasatch
6613.00†	0.000	161.829	6502.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
6713.00†	0.000	161.829	6602.11	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	
6788.89	0.000	161.829	6678.00	794.52	-754.90	247.77	40°08'00.040"N	109°41'06.560"W	0.00	TD





## Planned Wellpath Report

Three Rivers Fed 8-46T-820 PWP

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### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL)
Area	Three Rivers	Well	Three Rivers Fed 8-46T-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 8-46T-820 PWB
Facility	Sec.08-T8S-R20E		

### HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers Fed 8-46T-820 PWB Ref Wellpath: Three Rivers Fed 8-46T-820 PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
16in Conductor	13.00	120.00	107.00	13.00	120.00	0.00	0.00	0.00	0.00
12.25in Open Hole	120.00	1000.00	880.00	120.00	1000.00	0.00	0.00	0.00	0.00
8.625in Casing Surface	13.00	1000.00	987.00	13.00	1000.00	0.00	0.00	0.00	0.00
7.875in Open Hole	1000.00	6788.89	5788.89	1000.00	6678.00	0.00	0.00	-754.90	247.77
5.5in Casing Production	13.00	6788.89	6775.89	13.00	6678.00	0.00	0.00	-754.90	247.77

### TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) Three Rivers Fed 8-46T-820 Target On Plat 1340' FSL & 660' FEL		4200.00	-754.90	247.77	2147799.26	7222442.90	40°08'00.040"N	109°41'06.560"W	point

### SURVEY PROGRAM - Ref Wellbore: Three Rivers Fed 8-46T-820 PWB Ref Wellpath: Three Rivers Fed 8-46T-820 PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
13.00	7119.54	MTC (Collar, post-2000) (Standard)		Three Rivers Fed 8-46T-820 PWB

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**Planned Wellpath Report**

Three Rivers Fed 8-46T-820 PWP

Page 5 of 5

**REFERENCE WELLPATH IDENTIFICATION**

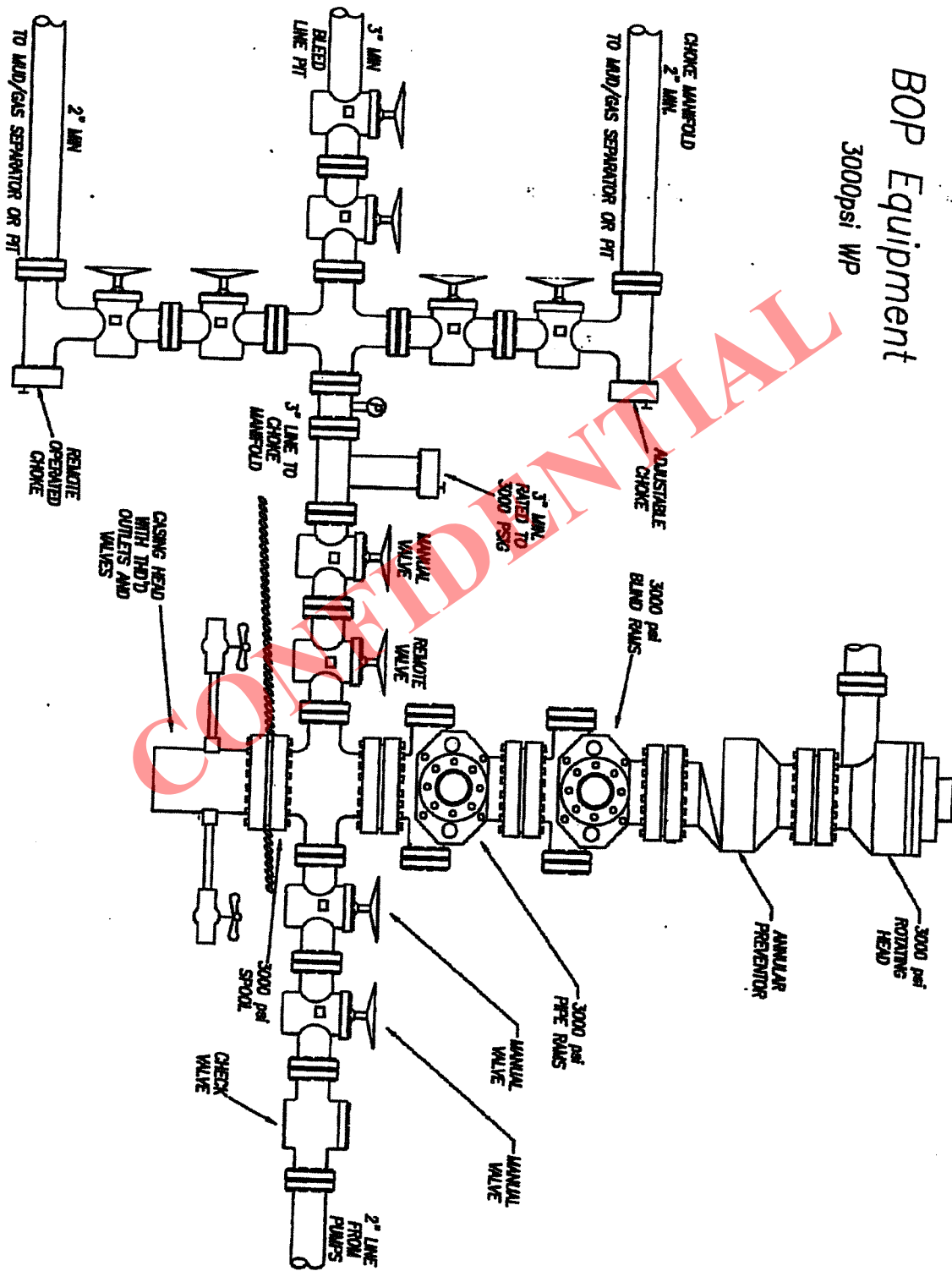
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 8-46T-820 (2100' FSL & 900' FEL)
Area	Three Rivers	Well	Three Rivers Fed 8-46T-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 8-46T-820 PWB
Facility	Sec.08-T8S-R20E		

**WELLPATH COMMENTS**

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
120.00	0.000	161.829	120.00	Base Gravel
900.00	0.000	161.829	900.00	BMSW
4025.73	10.758	161.829	3918.00	Mahogany
4628.89	0.000	161.829	4518.00	Garden Gulch
4768.89	0.000	161.829	4658.00	Lower Green River
6588.89	0.000	161.829	6478.00	Wasatch
6788.89	0.000	161.829	6678.00	TD

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# BOP Equipment 3000psi WP





# Ultra Resources, Inc.

---

April 9, 2014

Mr. Dustin Doucet  
Utah Division of Oil, Gas & Mining  
1594 West North Temple  
Salt Lake City, Utah 84116

RE: Request for Exception to Spacing  
**Three Rivers Fed 8-46T-820**

Surface Location: 2100' FSL & 900' FEL, NESE, Sec.8, T8S, R20E  
Target Location: 1340' FSL & 660' FEL, NESE, Sec.8, T8S, R20E  
SLB&M, Uintah County, Utah

Dear Mr. Doucet:

Ultra Resources, Inc. ("Ultra") respectfully submits this request for exception to spacing (**Docket No. 2013-030 / Cause No. 270-02**) based on geology since the well is located less than 100 feet to the drilling unit boundary.

The adjacent drilling unit boundary is covered by the same lease and has the identical production interest owners in it.

Ultra owns 100% of the leasehold within 460 feet of the surface and target location as well as all points along the intended well bore path.

Thank you very much for your timely consideration of this application. Please feel free to contact me at 303-645-9810 should you have any questions or need additional information.

Sincerely,

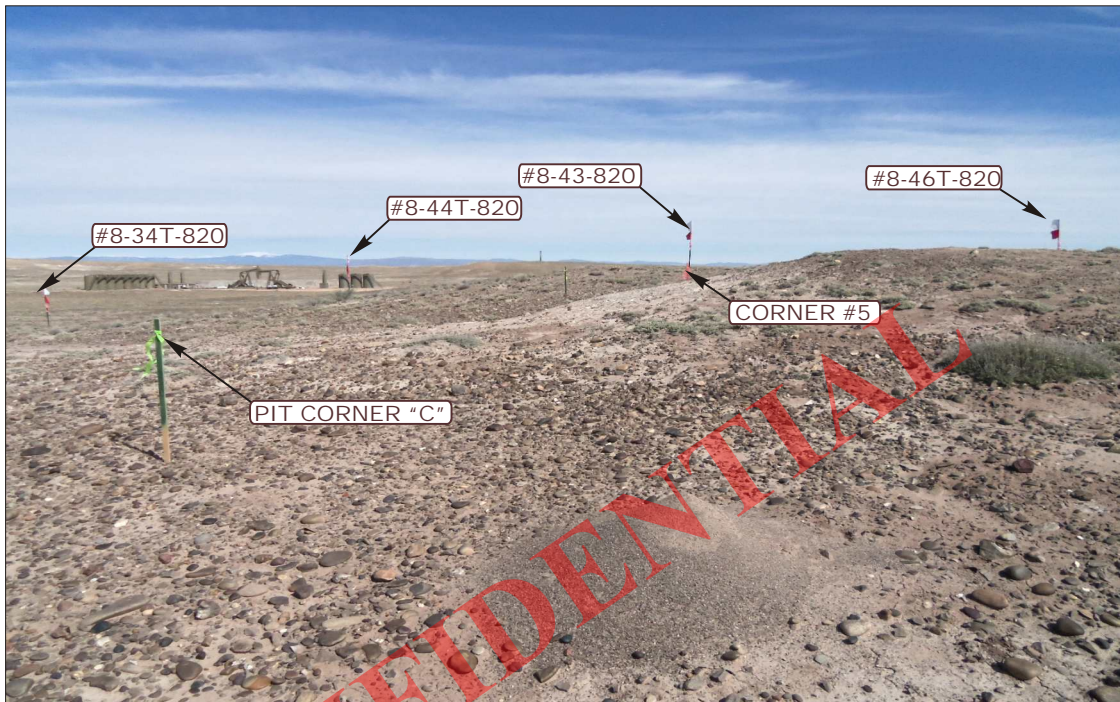
Debbie Ghani  
Sr. Permitting Specialist

/dg



# ULTRA RESOURCES, INC.

**THREE RIVERS FED #8-46T-820, #8-43-820, #8-44T-820 & #8-34T-820**  
**LOCATED IN UINTAH COUNTY, UTAH**  
**SECTION 8, T8S, R20E, S.L.B.&M.**



**PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES**

**CAMERA ANGLE: NORTHEASTERLY**



**PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS**

**CAMERA ANGLE: SOUTHWESTERLY**



- Since 1964 -

**UELS**

**Uintah Engineering & Land Surveying**

85 South 200 East Vernal, Utah 84078  
435-789-1017 FAX (435) 789-1813

**LOCATION PHOTOS**

**03** **28** **14**  
MONTH DAY YEAR

**PHOTO**

**TAKEN BY: B.H.**

**DRAWN BY: L.S.**

**REV: 04-07-14 L.S.**

ULTRA RESOURCES, INC.

## LOCATION LAYOUT FOR

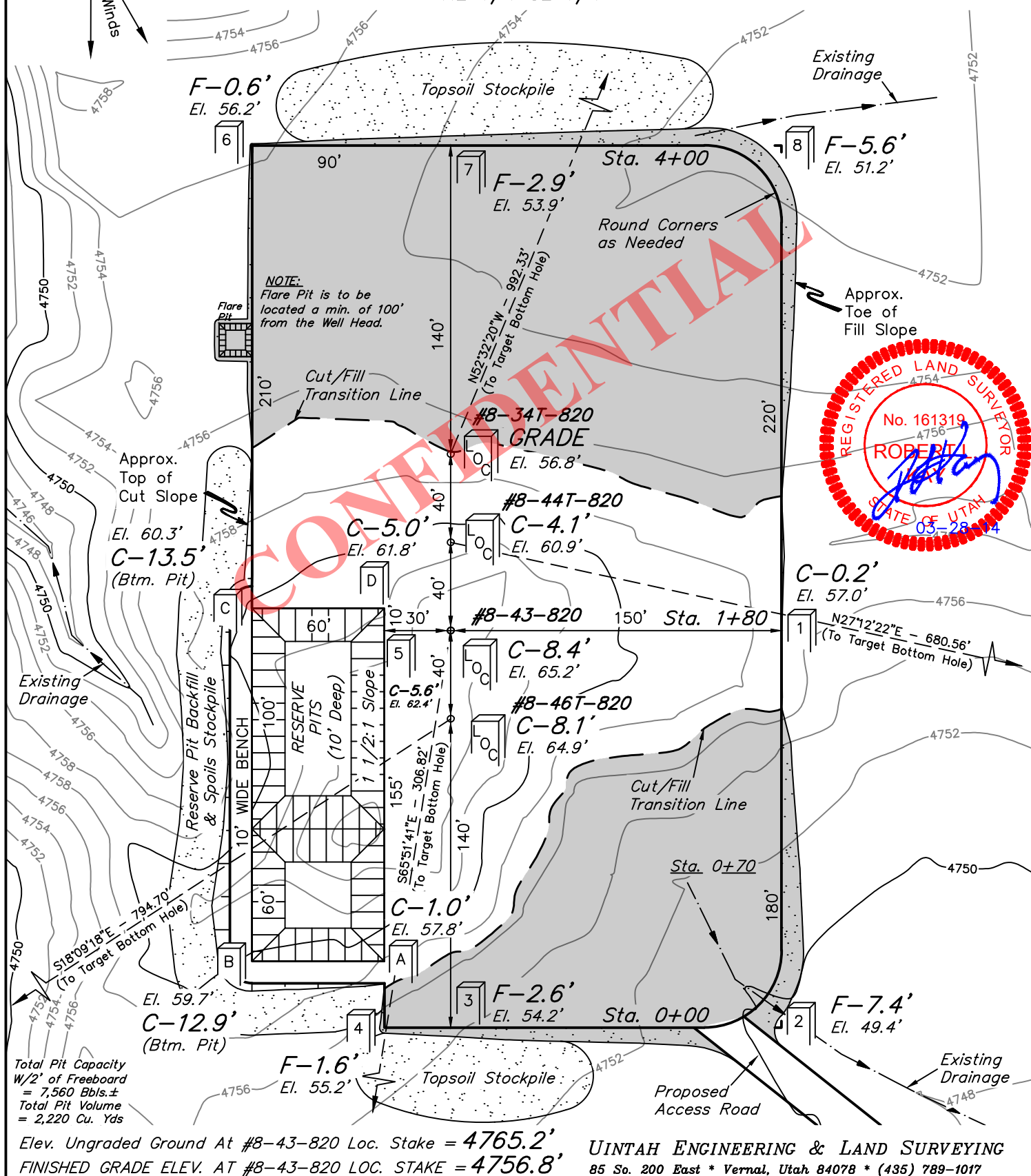
THREE RIVERS FED #8-46T-820, #8-43-820,  
#8-44T-820 & #8-34T-820  
SECTION 8, T8S, R20E, S.L.B.&M.  
NE 1/4 SE 1/4

**FIGURE #1**

SCALE: 1" = 60'

DATE: 03-24-14

DRAWN BY: S.S.



RECEIVED: April 10, 2014

## ULTRA RESOURCES, INC.

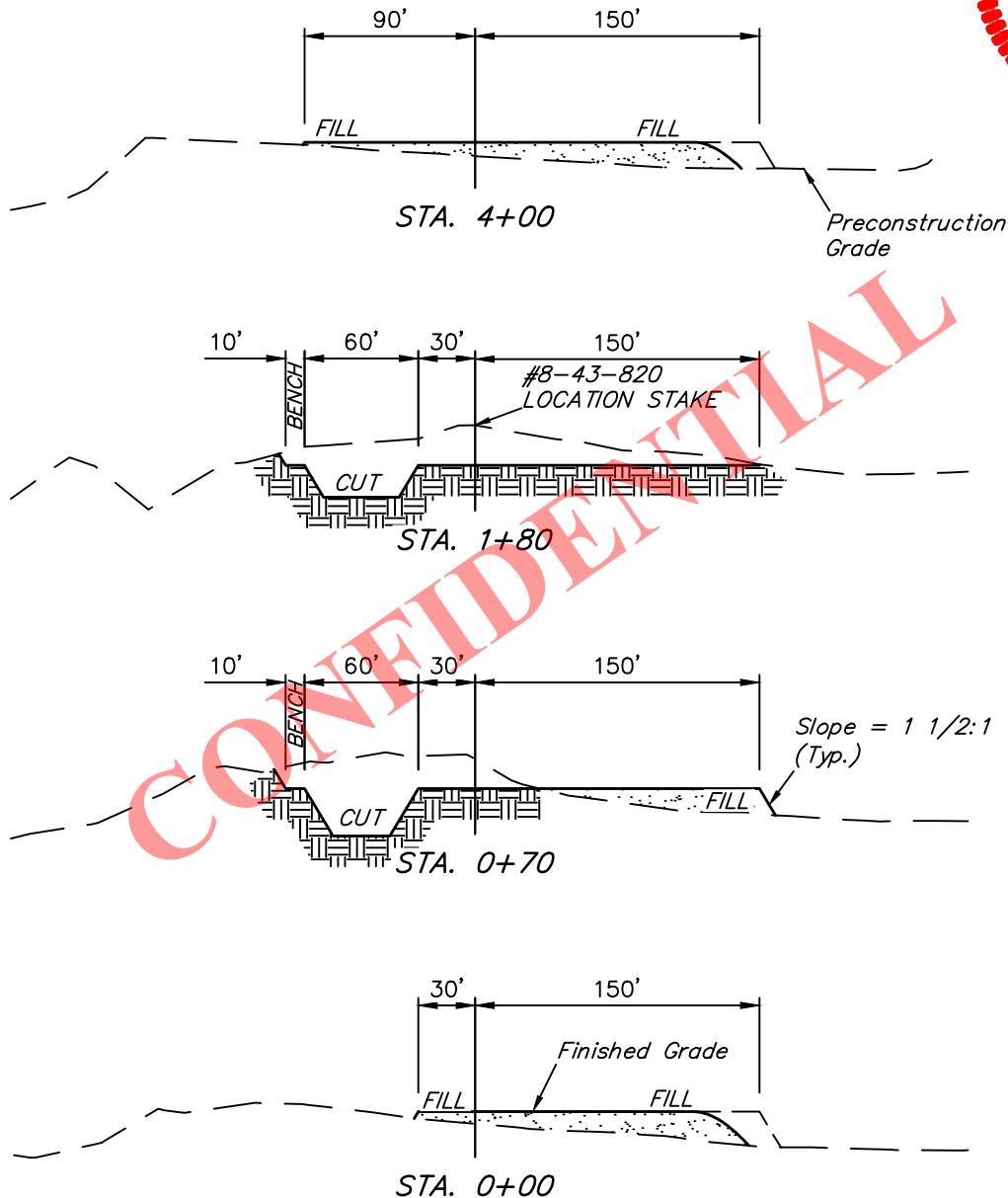
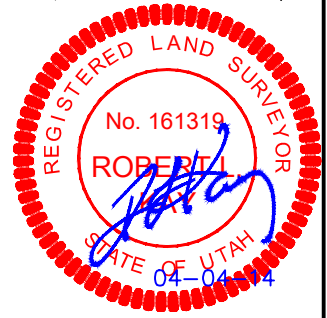
## TYPICAL CROSS SECTIONS FOR

THREE RIVERS FED #8-46T-820, #8-43-820,  
#8-44T-820 & #8-34T-820  
SECTION 8, T8S, R20E, S.L.B.&M.  
NE 1/4 SE 1/4

FIGURE #2

1" = 40'  
X-Section  
Scale  
1" = 100'

DATE: 03-24-14  
DRAWN BY: S.S.  
REV: 04-04-14



## NOTE:

Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

## APPROXIMATE ACREAGE

WELL SITE DISTURBANCE =  $\pm 2.736$  ACRES  
ACCESS ROAD DISTURBANCE =  $\pm 0.599$  ACRES  
PIPELINE DISTURBANCE =  $\pm 0.597$  ACRES  
TOTAL =  $\pm 3.932$  ACRES

## \* NOTE:

FILL QUANTITY INCLUDES  
5% FOR COMPACTION

## APPROXIMATE YARDAGES

(6") Topsoil Stripping = 1,890 Cu. Yds.  
Remaining Location = 7,950 Cu. Yds.  
TOTAL CUT = 9,840 CU. YDS.  
FILL = 6,840 CU. YDS.

EXCESS MATERIAL = 3,000 Cu. Yds.  
Topsoil & Pit Backfill = 3,000 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

RECEIVED: April 10, 2014



## ULTRA RESOURCES, INC.

## TYPICAL RIG LAYOUT FOR

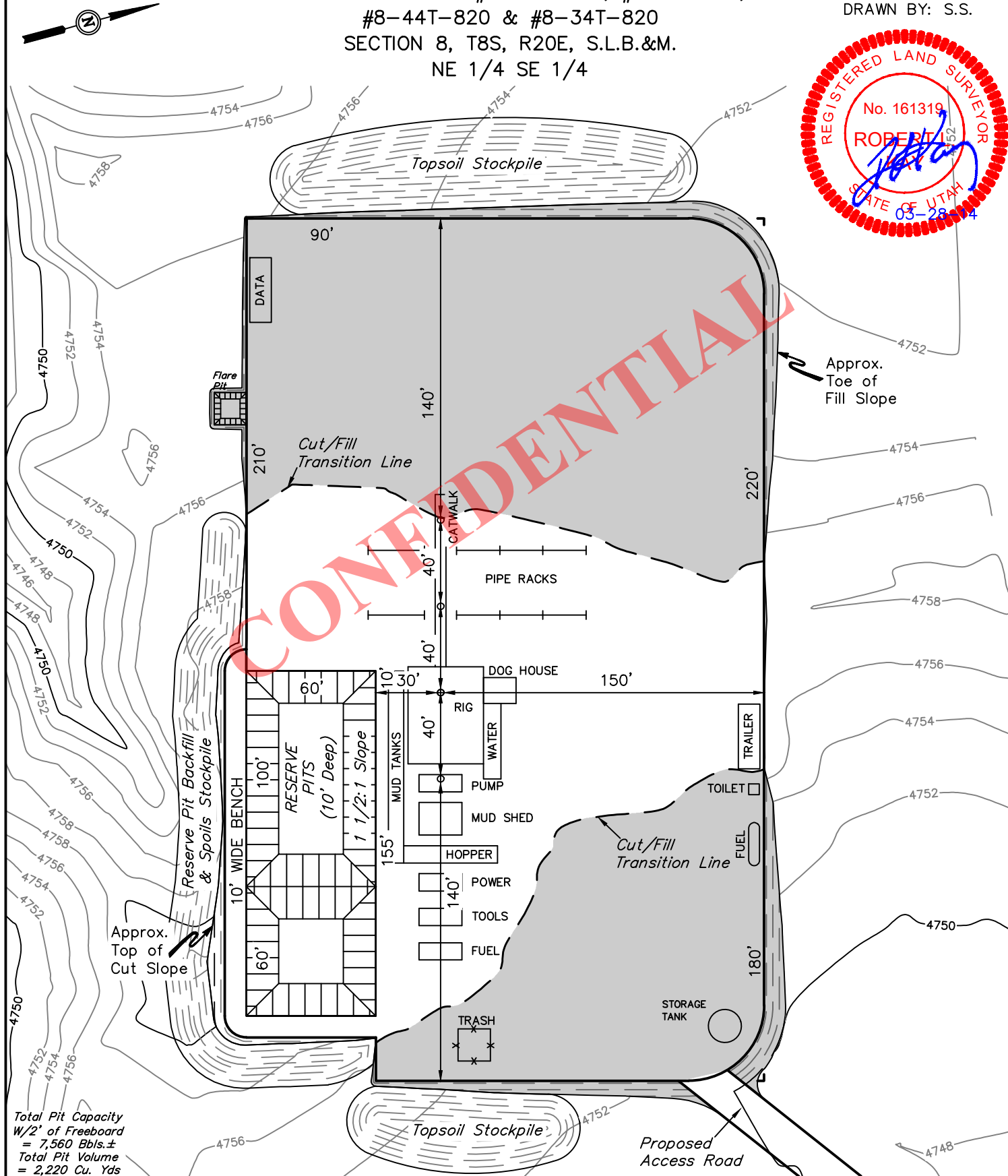
THREE RIVERS FED #8-46T-820, #8-43-820,  
#8-44T-820 & #8-34T-820  
SECTION 8, T8S, R20E, S.L.B.&M.  
NE 1/4 SE 1/4

FIGURE #3

SCALE: 1" = 60'

DATE: 03-24-14

DRAWN BY: S.S.





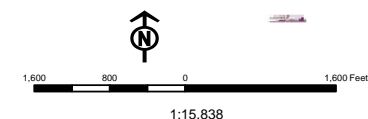
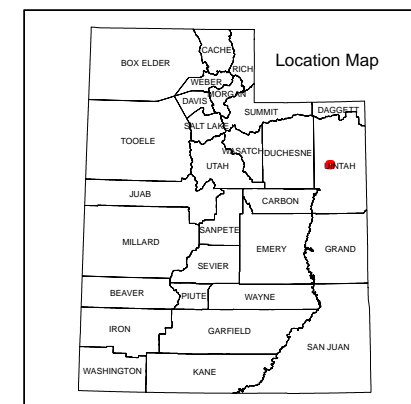
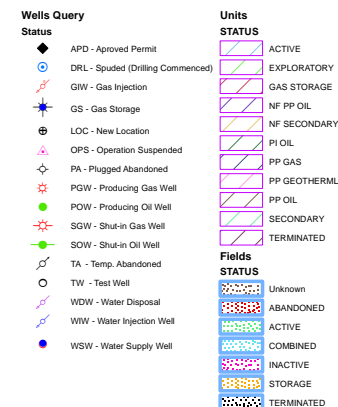
ULTRA RESOURCES, INC.  
THREE RIVERS FED #8-46T-820, #8-43-820,  
#8-44T-820 & #8-34T-820  
SECTION 8, T8S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF THIS ROAD AND STATE HIGHWAY 88 TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 13.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 920' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 28.3 MILES.

CONFIDENTIAL

Map Prepared: 4/16/2014  
Map Produced by Diana Mason



## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 4/10/2014

API NO. ASSIGNED: 43047543910000

WELL NAME: Three Rivers Fed 8-46T-820

OPERATOR: ULTRA RESOURCES INC (N4045)

PHONE NUMBER: 303 645-9804

CONTACT: Jenna Anderson

PROPOSED LOCATION: NESE 08 080S 200E

Permit Tech Review: ☒

SURFACE: 2100 FSL 0900 FEL

Engineering Review: ☐

BOTTOM: 1340 FSL 0660 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.13728

LONGITUDE: -109.68634

UTM SURF EASTINGS: 611913.00

NORTHINGS: 4443611.00

FIELD NAME: THREE RIVERS

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU85994

PROPOSED PRODUCING FORMATION(S): GREEN RIVER - LOWER

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: FEDERAL - UTB000593☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: 49-2262☐ RDCC Review:☐ Fee Surface Agreement☐ Intent to Commingle

Commingling Approved

## LOCATION AND SITING:

☐ R649-2-3.

Unit:

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: Cause 270-02

Effective Date: 11/9/2013

Siting: 2 Wells Per 40 Acres

☒ R649-3-11. Directional DrillComments: Presite Completed  
IRR SEC:Stipulations: 4 - Federal Approval - dmason  
15 - Directional - dmason

RECEIVED: April 21, 2014





GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** Three Rivers Fed 8-46T-820  
**API Well Number:** 43047543910000  
**Lease Number:** UTU85994  
**Surface Owner:** FEDERAL  
**Approval Date:** 4/21/2014

### Issued to:

ULTRA RESOURCES INC, 304 Inverness Way South #245, Englewood, CO 80112

### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 270-02. The expected producing formation or pool is the GREEN RIVER - LOWER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

### Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil &

Gas website  
at <http://oilgas.ogm.utah.gov>

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

**Approved By:**

A handwritten signature in black ink, appearing to read "J. Rogers", written over a horizontal line.

For John Rogers  
Associate Director, Oil & Gas

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU85994
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Three Rivers Fed 8-46T-820	
2. NAME OF OPERATOR: ULTRA RESOURCES INC		9. API NUMBER: 43047543910000
3. ADDRESS OF OPERATOR: 116 Inverness Drive East, Suite #400, Englewood, CO, 80112	PHONE NUMBER: 303 645-9809 Ext	9. FIELD and POOL or WILDCAT: THREE RIVERS
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2100 FSL 0900 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 08 Township: 08.0S Range: 20.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA


TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>4/24/2015</b>	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Ultra respectfully requests a one year extension of the state permit for the referenced well. This is the first extension that has been requested.

**Approved by the**  
**March 24, 2015**  
**Oil, Gas and Mining**

Date: \_\_\_\_\_

By: 

NAME (PLEASE PRINT) Jenna Anderson	PHONE NUMBER 303 645-9804	TITLE Permitting Assistant
SIGNATURE N/A		DATE 3/24/2015





## The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43047543910000

API: 43047543910000

Well Name: Three Rivers Fed 8-46T-820

Location: 2100 FSL 0900 FEL QTR NESE SEC 08 TWP 080S RNG 200E MER S

Company Permit Issued to: ULTRA RESOURCES INC

Date Original Permit Issued: 4/21/2014

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Jenna Anderson

Date: 3/24/2015

Title: Permitting Specialist Representing: ULTRA RESOURCES INC

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB No. 1004-0136  
Expires July 31, 2010

APR 14 2014

## APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM Vernal UT

5. Lease Serial No.  
UTU85994

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.  
THREE RIVERS FED 8-46T-820

9. API Well No.

10. Field and Pool, or Exploratory  
UNDESIGNATED

43 047. 54391

11. Sec., T., R., M., or Blk. and Survey or Area

Sec 8 T8S R20E Mer SLB

12. County or Parish  
UINTAH13. State  
UT

17. Spacing Unit dedicated to this well

40.00

20. BLM/BIA Bond No. on file

UTB000593

23. Estimated duration  
60 DAYS

## 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) JENNA ANDERSON Ph: 303-645-9804	Date 04/09/2014
Title PERMITTING ASSISTANT		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	Date OCT 06 2015
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## Additional Operator Remarks (see next page)

Electronic Submission #241743 verified by the BLM Well Information System  
For ULTRA RESOURCES, INC., sent to the Vernal  
Committed to AFMSS for processing by ROBIN R. HANSEN on 04/16/2014 ()

NOTICE OF APPROVAL  
CONDITIONS OF APPROVAL ATTACHED

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

14RRH 7186AE

NOS 3/31/14



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Ultra Resources, Inc.  
Well No: Three Rivers Fed 8-46T-820  
API No: 43-047-54391

Location: NESE, Sec. 8, T8S, R20E  
Lease No: UTU-85994  
Agreement: N/A

**OFFICE NUMBER: (435) 781-4400**

**OFFICE FAX NUMBER: (435) 781-3420**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <a href="mailto:blm_ut_vn_opreport@blm.gov">blm_ut_vn_opreport@blm.gov</a>
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

### **SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

#### **Site Specific COAs**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horse power must not emit more than 2 grams of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower-hour.
- All vehicles and equipment shall be cleaned either through power-washing, or other approved method, if the vehicles or equipment were brought in from areas outside the Uinta Basin, to prevent weed seed introduction.
- All contaminated and/or stained soils will be cleaned up immediately when noticed. The contaminated/stained soil will be removed and disposed of properly.
- Ultra will submit their site specific reclamation plan per each well pad within 90 days of starting location construction.
- Project activities are not allowed from March 1 – August 31 to minimize impacts during burrowing owl nesting season. This Condition of Approval only applies to the following well pad locations:

Three Rivers Fed 5-23-820	Three Rivers Fed 5-34-820	Three Rivers Fed 8-31-820
Three Rivers Fed 8-43-820	Three Rivers Fed 8-44-820	

- In addition Moon Lake Electric Association has developed bird-friendly construction standards as submitted to the BLM VFO 'Avian Protection Plan, (2011)' (APP). The APP as implemented will further minimize impacts to raptor species. The APP is in compliance with APLIC's Suggested Practices (2006) as identified by the VRMP (2008).
- A BLM-permitted paleontologist will monitor all excavation work during the construction of Three Rivers Fed 8-46T-820, 8-43-820, 8-44T-820, 8-34T-820 (access, pipeline and pad) if, and where, bedrock is impacted.

- A BLM-permitted paleontologist will monitor all excavation work during the construction of Three Rivers Fed 5-26T-820 and 5-23-820 (access, pipeline and pad) if, and where, bedrock is impacted.
- A BLM-permitted paleontologist will monitor all excavation work during the construction of Three Rivers Fed 5-34-820 and 5-38t-820 (access, pipeline and pad) if, and where, bedrock is impacted.
- If important paleontological resources, as described in BLM Handbook H-8270-1, are discovered during construction, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.
- Documented cactus within the 300 foot survey buffers would be flagged for avoidance during construction and drilling activities.
- A qualified biological monitor would be present during construction and drilling activities to ensure that documented individual cactus are not disturbed.
- Site inventory surveys would be valid for 4 years from the survey date. If more than 4 years pass between the original survey date and construction, a new clearance survey/site inventory would be required. If construction is to occur within the 4 year window, and at least 1 year after the initial survey date, an additional spot check survey would be required following the methodology established in the 2010 Memorandum of Understanding (MOU) between USFWS and BLM regarding *Sclerocactus* survey data use timing restrictions. Review of spot checks may result in requirements for additional pre-construction plant surveys or other requirements as directed by USFWS and the BLM Authorized Officer (AO).
- The operator would perform ground disturbing activities in *Sclerocactus ssp.* potential habitat outside of the flowering period, (April 1 through May 30). This applies to all ground disturbing activities, including those on previously disturbed areas on existing well pads.
- Only water (no chemicals, reclaimed production water or oil field brine) will be used for dust abatement measures within all cactus habitats.
- Dust abatement will be employed in suitable *Sclerocactus ssp.* habitat over the life of the project during the time of the year when *Sclerocactus ssp.* species are most vulnerable to dust-related impacts (March through August) within all cactus habitats.
- Reclamation seed mixes would exclude introduced and non-native species if used in *Sclerocactus ssp.* potential habitat.
- Erosion control measures (i.e. silt fencing) would be implemented to minimize sedimentation to *Sclerocactus ssp.* plants and populations located down slope of proposed surface disturbance activities when working in all cactus habitats.
- Application for Pesticide Use Permit would include provisions for mechanical removal, as opposed to chemical removal, for Utah Class A, B and C noxious weeds within 50 feet of individual/populations of *Sclerocactus*.
- The operator would commit to mitigate for the project impacts that are located within the Core Conservation Area by contributing a monetary amount disclosed between the operator and the USFWS (\$ TBD for 12.6 acres), to the cactus mitigation fund in an effort to aid in the recovery of the species. This monetary amount must be paid to the *Sclerocactus* Mitigation Fund-BLM within

90 days upon receipt of this letter, or before construction of the Project begins. The payment should be made to; *Sclerocactus* Mitigation Fund-BLM, Michelle Olson, Manager, Impact-Directed Environmental Accounts, National Fish and Wildlife Foundation, 1133 Fifteenth Street NW, Suite 1100, Washington, DC 20005

- Discovery Stipulation: Re-initiation of Section 7 consultation with the USFWS would be sought immediately if any loss of plants or occupied habitat for Uinta Basin hookless cactus is anticipated as a result of project activities.



**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- CBL will be run from TD to TOC
- Cement for surface casing shall be brought to surface.
- Cement for long-string shall be brought to 200' above the surface casing shoe.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB

or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at [www.ONRR.gov](http://www.ONRR.gov).
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs,

core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.





GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

June 21, 2016

Ultra Resources Inc.  
116 Inverness Dr E, Ste. 400  
Englewood, CO 80112

Re: APD Rescinded – Three Rivers Fed 8-46T-820, Sec. 8, T. 8S, R. 20E,  
Uintah County, Utah API No. 43-047-54391

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on April 21, 2014. On March 24, 2015 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective June 21, 2016.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason  
Environmental Scientist

cc: Well File  
Bureau of Land Management, Vernal

